

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1	("20050186680").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/20 15:19
L2	1	L1 and volatiz\$5	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/20 15:19
L3	30	(US-20040135590-\$ or US-20020155615-\$ or US-20040118348-\$ or US-20040037746-\$ or US-20020038761-\$ or US-20030155238-\$ or US-20020118027-\$).did. or (US-5939886-\$ or US-4977094-\$ or US-5079507-\$ or US-6038914-\$ or US-6835552-\$ or US-4207137-\$ or US-4711767-\$ or US-6509542-\$ or US-6916658-\$ or US-6563076-\$ or US-5531097-\$ or US-3857284-\$ or US-6511851-\$ or US-5553495-\$ or US-5415784-\$ or US-6858433-\$ or US-5007983-\$ or US-5631418-\$ or US-5399977-\$ or US-6841389-\$ or US-6767747-\$ or US-5103181-\$ or US-6614238-\$).did.	US-PGPUB; USPAT	ADJ	ON	2008/08/20 15:20
L4	2	L3 and (volatiz\$5 or vaporiz\$5)	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/20 15:20
L5	1	("4977094").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/20 15:22
L6	1	l5 and impedance	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/20 15:22
L7	1	l5 and (micro?wave or microwave or radio or phase or strength or magnitude or time)	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/20 15:31
L8	1	("5103181").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/20 15:52
L9	1	l8 and (volatil\$6 or vapor\$7 or combust\$4)	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/20 15:53

L11	0	l8 and ("w" or watt)	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/20 15:57
L12	1	l8 and power	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/20 15:57
L13	1	l8 and (convey\$4 or uniform \$4 or pump\$4)	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/20 16:58
S1	3	((("6429935") or ("6543459") or ("6614215")).PN.	US-PGPUB; USPAT	OR	OFF	2007/05/07 11:53
S2	19	((("3931587") or ("4608869") or ("5685802") or ("4926120") or ("5079507") or ("5419176") or ("5467188") or ("5479254") or ("5471357") or ("5517161") or ("5691642") or ("5708209") or ("5742234") or ("5987972") or ("6081329") or ("6377345") or ("6429935") or ("6543459") or ("6614215")).PN.	US-PGPUB; USPAT	OR	OFF	2007/07/03 09:38
S3	2	electromagnetic circuit and S2	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/05/07 11:56
S4	1	electromagnetic circuit same detect same solid same material	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/05/07 11:56
S5	2	electromagnetic circuit same detect same solid	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/05/07 11:57
S6	46	electromagnetic circuit same detect	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/05/07 11:57
S7	6	electromagnetic circuit same detect same (gas or presence)	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/05/07 11:57
S8	8	impedance and S2	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/05/07 12:36
S9	2	electric same impedance and S2	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/05/07 12:36
S10	0	(10/708251).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/05/07 12:59
S11	1	10/708251	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/05/07 12:59

S12	1653	436/149-154.ccls.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/07/03 09:38
S13	1083	S12 and @ad<="20040219"	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/07/03 09:53
S14	221	S13 and impedance	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/07/03 09:44
S15	66	S13 and impedance.clm.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/07/03 09:40
S16	19	((("3931587") or ("4608869") or ("5685802") or ("4926120") or ("5079507") or ("5419176") or ("5467188") or ("5479254") or ("5471357") or ("5517161") or ("5691642") or ("5708209") or ("5742234") or ("5987972") or ("6081329") or ("6377345") or ("6429935") or ("6543459") or ("6614215"))).PN.	US-PGPUB; USPAT	OR	OFF	2007/07/03 09:44
S17	8	S16 and impedance	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/07/03 09:52
S18	5368	(impedance with measur\$4). clm.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/07/03 09:55
S19	4578888	@ad<="20040219"	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/07/03 09:53
S20	14756	324/600-727.ccls.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/07/03 09:55
S21	7923	S20 and S19	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/07/03 09:55
S22	624	(impedance with measur\$4). clm. and S21	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/07/03 09:55
S23	35	(impedance with measur\$4). clm. and S21 and plasma	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/07/03 10:08
S24	1302	(73/29.01 73/29.02 73/335.01 73/335.02 73/335.05).ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/03 10:08
S25	539	S24 and S19	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/07/03 10:08

S26	12	(impedance with measur\$4). clm. and S25	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/07/03 10:12
S27	16	(impedance).clm. and S25 not S26	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/07/03 10:17
S28	1169	impedance and microwave and radio frequency and plasma and phase	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/07/03 10:18
S29	7	(impedance and microwave and radio frequency and plasma and phase).clm.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/07/03 12:28
S30	4	(impedance and microwave and radio frequency and plasma and phase).clm. and S19	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/07/03 12:29
S31	19	(US-20020155615-\$ or US- 20040135590-\$ or US- 20040118348-\$).did. or (US- 6916658-\$ or US-6858433-\$ or US-6841389-\$ or US- 6835552-\$ or US-6511851-\$ or US-5415784-\$ or US- 4977094-\$ or US-5079507-\$ or US-5399977-\$ or US- 5631418-\$ or US-5553495-\$ or US-3857284-\$ or US- 6038914-\$ or US-5531097-\$ or US-6563076-\$ or US- 6509542-\$).did.	US-PGPUB; USPAT	ADJ	ON	2007/07/03 11:01
S32	19	S31 and impedance	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/07/03 11:41
S33	213	422/82.01.ccls. and impedance	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/07/03 11:41
S34	50	422/82.01.ccls. and impedance.clm.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/07/03 11:41
S35	46	422/82.01.ccls. and impedance.clm. and S19	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/07/03 11:46
S36	309	(detect\$4 or measur\$4) and plasma and (electromagnetic or circuit) and impedance and amount with solid and S19	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/07/03 11:49
S37	8	(detect\$4 and measur\$4) and plasma and (electromagnetic or circuit) and impedance.ab. and amount with solid and S19	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/07/03 11:49

S38	1	(plasma and species and photoresist and heat\$3 and gas and impedance).clm.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/07/03 12:31
S39	768	(plasma and species and photoresist and heat\$3 and gas and impedance)	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/07/03 12:31
S40	438	(plasma and species and photoresist and heat\$3 and gas and impedance and (electromagnetic or circuit) and reactive) and S19	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/07/03 12:32
S41	46	(plasma and species and photoresist and heat\$3 and gas and impedance and (electromagnetic or circuit) and reactive) and S19 and ("422" or "436" or "324" or "73").clas.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/07/03 14:04
S42	5	((("4207137") or ("7411767") or ("5939886") or ("5631418") or ("5531097") or ("5079507"))).PN.	US-PGPUB; USPAT	OR	OFF	2007/07/03 17:03
S43	2	microwave and S42	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/07/03 14:12
S44	2	(radio frequency or rf) and S42	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/07/03 14:13
S45	3	(magnitude or phase) with impedance and S42	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/07/03 14:13
S46	107	364/482.icls.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/07/03 14:29
S47	1	("5007983").PN.	US-PGPUB; USPAT	OR	OFF	2007/07/03 14:28
S48	107	364/482.icls.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/07/03 14:29
S49	5	impedance and plasma and S48	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/07/03 14:29
S50	6	((("4207137") or ("4711767") or ("5939886") or ("5631418") or ("5531097") or ("5079507"))).PN.	US-PGPUB; USPAT	OR	OFF	2007/07/03 17:12
S51	0	solid material and S50	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/07/03 17:12

S52	1	microwave and (radio frequency or rf) and S50	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/07/03 17:27
S53	3	impedance with phase and S50	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/07/03 17:31
S54	1	10/708251	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/07/03 17:39
S55	3	photoresist and S50	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/07/03 17:41
S56	2	(("4207137") or ("4711767")). PN.	US-PGPUB; USPAT	OR	OFF	2007/07/03 17:41
S57	0	microwave and S56	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/07/03 17:41
S58	2	heat\$3 and S56	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/07/03 17:42
S59	2	gas and plasma and S58	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/07/03 17:42
S60	2	photoresist and S59	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/07/03 17:42
S61	2	impedance and S60	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/07/03 17:43
S62	1	S61 and phase	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/07/03 17:45
S63	0	"5939886".pn. and heat\$3	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/07/03 17:44
S64	1	S61 and watts	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/07/03 17:51
S65	2	S61 and w	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/07/03 17:46
S66	1709	436/149-154.ccls.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/03/26 13:46
S67	1304	422/82.01-82.04.ccls.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/03/26 13:47
S68	1828	73/25.01-28.06.ccls.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/03/26 13:48

S69	4617943	@ad<"20040219"	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/03/26 13:48
S70	2598	(S66 or S67 or S68) and S69	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/03/26 13:48
S71	458	S70 and impedance	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/03/26 13:49
S72	0	S70 and impedance same (detect\$4 or measur\$4) with solid with (gas or medium)	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/03/26 13:50
S73	31	S70 and impedance and (detect\$4 or measur\$4) with solid with (gas or medium)	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/03/26 13:50
S74	24	(richard near2 pingree or palanikumara near2 sakthivel or muhesh near2 vanodia or michael near2 colson).in.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/03/26 14:07
S75	5	(richard near2 pingree or palanikumara near2 sakthivel or muhesh near2 vanodia or michael near2 colson).in. and S69 and impedance	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/03/26 14:07
S76	1	(richard near2 pingree and palanikumara near2 sakthivel and muhesh near2 vanodia and michael near2 colson).in.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/03/26 14:07
S77	15	S70 and resistance same (detect\$4 or measur\$4) with solid with (gas or medium)	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/03/26 14:08
S78	1	("5103181").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/03/26 14:12
S79	1	S78 and impedance	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/03/26 14:12
S80	1	S78 and impedance and (chamber or vessel or energy)	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/03/26 14:22

S81	117	("1726721" "1877810" "2020847" "2099687" "2124029" "2169174" "2222450" "2297393" "2323675" "2386830" "2548598" "2736867" "2792548" "3136946" "3475316" "3498112" "3586971" "3612996" "3688188" "3720890" "3762221" "3816811" "3826978" "3826980" "3858446" "3883798" "3889182" "3897798" "3967500" "4097801" "4104585" "4124475" "4248085" "4254470" "4257275" "4266188" "4266425" "4285046" "4288741" "4301400" "4327323" "4340938" "4345204" "4370611" "4380924" "4387165" "4402230" "4417584" "4423623" "4429273" "4441362" "4458524" "4503383" "4543191" "4548506" "4555661" "4559493" "4580444" "4588970" "4596136" "4604904" "4651085" "4693319" "4708021" "4720677" "4760742") .PN. OR ("5103181") .URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/03/26 14:26
S82	40	S81 and impedance	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/03/26 14:27
S83	5	S81 and impedance and solid with gas	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/03/26 14:27
S84	3	(("4074184") or ("4063153") or ("4082994")) .PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/03/26 14:29
S85	3	S84 and impedance	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/03/26 14:29
S86	1	("20050186680") .PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/03/26 14:31
S87	1	S86 and reactive species and convey\$4	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/03/26 14:32

S88	1	S78 and electromagnetic	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/03/26 14:34
S89	1	S78 and circuit	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/03/26 14:35
S90	1	S78 and (vessicle or container or chamber or vessel or source or vat or tank)	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/03/26 14:52
S91	0	S78 and plasma	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/03/26 15:14
S92	1	S81 and plasma	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/03/26 15:14
S93	1	S69 and (solid with gas and impedance with measur\$4). ab.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/03/26 15:15
S94	1	S93 and (solid with gas and impedance with measur\$4)	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/03/26 15:16
S95	21	S69 and solid with gas with (density or concentration) same impedance with measur \$4	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/03/26 15:17
S96	29	(US-20040135590-\$ or US- 20020155615-\$ or US- 20040118348-\$ or US- 20040037746-\$ or US- 20020038761-\$).did. or (US- 5939886-\$ or US-4977094-\$ or US-5079507-\$ or US- 6038914-\$ or US-6835552-\$ or US-4207137-\$ or US- 4711767-\$ or US-6509542-\$ or US-6916658-\$ or US- 6563076-\$ or US-5531097-\$ or US-3857284-\$ or US- 6511851-\$ or US-5553495-\$ or US-5415784-\$ or US- 6858433-\$ or US-5007983-\$ or US-5631418-\$ or US- 5399977-\$ or US-6841389-\$ or US-6767747-\$ or US- 5103181-\$ or US-6614238-\$ or US-6849174-\$).did.	US-PGPUB; USPAT	ADJ	ON	2008/03/26 15:21
S97	11	S96 and plasma	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/03/26 15:21
S98	4	S96 and plasma and impedance and solid and gas	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/03/26 15:21

S99	9	S96 and impedance and solid with gas	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/03/26 15:21
S100	1	("20030155238").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/03/26 15:28
S101	4	((("20030155238") or ("6614238") or ("6511851") or ("5103181"))).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/03/26 15:30
S102	0	S101 and plasma	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/03/26 15:30
S103	3	S101 and phase	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/03/26 15:31
S104	0	S101 and phase with impedance	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/03/26 15:31
S105	13	S69 and impedance with phase and gas with solid and plasma and time and react\$4 and (power or watt) and photoresist\$4	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/03/26 15:32
S106	5	((("20030155238") or ("6614238") or ("6511851") or ("5103181") or ("20020118027"))).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/03/26 15:45
S107	5	S106 and impedance	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/03/26 15:55
S108	5	S106 and impedance and solid	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/03/26 15:59
S109	0	S78 and tube	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/03/26 16:29
S110	1	S78 and pipe	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/03/26 16:32
S111	1	S78 and (vessicle or container or chamber or vessel or vat or tank or receptacle or reservoir)	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/03/26 16:41
S112	1	S78 and direction	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/03/26 16:58
S113	5	S106 and impedance and solid and electromagnetic and circuit	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/03/26 17:01

S114	3	S106 and impedance and solid and electromagnetic and circuit and reactive	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/03/26 17:03
S115	5	S106 and (plasma or phase or time)	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/03/26 17:13
S116	1	("4423623").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/03/26 17:14
S117	5	S106 and (plasma or phase same impedance or time)	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/03/26 17:14
S118	5	S106 and (plasma or phase same impedance or time) and impedance	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/03/26 17:16
S119	0	S116 and impedance and phase	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/03/26 17:17
S120	0	S116 and phase	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/03/26 17:18
S121	5	((("20030155238") or ("6614238") or ("6511851") or ("5103181") or ("20020118027")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/03/27 10:45
S122	1	S121 and plasma	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/03/27 10:45
S123	30	(US-20040135590-\$ or US-20020155615-\$ or US-20040118348-\$ or US-20040037746-\$ or US-20020038761-\$ or US-20030155238-\$ or US-20020118027-\$).did. or (US-5939886-\$ or US-4977094-\$ or US-5079507-\$ or US-6038914-\$ or US-6835552-\$ or US-4207137-\$ or US-4711767-\$ or US-6509542-\$ or US-6916658-\$ or US-6563076-\$ or US-5531097-\$ or US-3857284-\$ or US-6511851-\$ or US-5553495-\$ or US-5415784-\$ or US-6858433-\$ or US-5007983-\$ or US-5631418-\$ or US-5399977-\$ or US-6841389-\$ or US-6767747-\$ or US-5103181-\$ or US-6614238-\$).did.	US-PGPUB; USPAT	ADJ	ON	2008/03/27 10:45

S124	12	S123 and plasma	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/03/27 10:45
S125	8	S123 and plasma same (excit \$7 or energy) and impedance	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/03/27 10:46
S126	8	S123 and plasma same (excit \$7 or energy) and impedance	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/03/27 10:47
S127	2	S126 and solid with gas	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/03/27 10:47
S128	4	S126 and solid and gas	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/03/27 10:47
S129	6	S126 and (advantag\$4 or benefi\$7)	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/03/27 10:49
S130	4	S126 and (advantag\$4 or benefi\$7) same plasma	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/03/27 10:50
S131	1	("5939886").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/03/27 10:51
S132	0	S131 and impedance same (concentration or density or composition or consituen\$4 or type)	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/03/27 10:51
S133	0	S131 and impedance same (concentration or density or composition or constituen\$4 or type)	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/03/27 10:51
S134	1	S131 and impedance	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/03/27 10:52
S135	4617961	@ad< "20040219"	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/03/27 10:58
S136	22	S135 and detect\$4 with solid with gas and excit\$4 with plasma	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/03/27 10:58
S137	2	S135 and detect\$4 with solid with gas and excit\$4 with plasma and impedance	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/03/27 10:59
S138	1	S131 and (advantag\$4 or benefi\$7) same plasma	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/03/27 11:01
S139	1	("20040135590").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/03/27 11:01

S140	1	S139 and (advantag\$4 or benefi\$7) same plasma	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/03/27 11:01
S141	1	S131 and plasma same (excit \$7 or energy or produc\$4 or creat\$4) and impedance	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/03/27 11:06
S142	1	S131 and plasma with (excit \$7 or energy or produc\$4 or creat\$4) and impedance	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/03/27 11:06
S143	12	S123 and plasma and impedance	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/03/27 11:10
S144	2	S123 and plasma with (excit \$7 or energy or produc\$4 or creat\$4) same (advantag\$4 or benefi\$7 or purpose or motivat\$4)	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/03/27 11:12
S145	2	S123 and plasma with (excit \$7 or energy or produc\$4 or creat\$4) same (advantag\$4 or benefi\$7 or purpose or motivat\$4) and impedance	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/03/27 11:13
S146	1726	S135 and plasma with (excit \$7 or energy or produc\$4 or creat\$4) same (advantag\$4 or benefi\$7 or purpose or motivat\$4) and impedance not S145	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/03/27 11:15
S147	22	S135 and plasma with (excit \$7 or energy or produc\$4 or creat\$4) same (advantag\$4 or benefi\$7 or purpose or motivat\$4) and impedance same gas with solid not S145	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/03/27 11:15
S148	56	S135 and plasma with (excit \$7 or energy or produc\$4 or creat\$4) same (advantag\$4 or benefi\$7 or purpose or motivat\$4) and impedance same ((gas with solid) or (measur\$4 with (concentration or density or composition or consituen\$4 or type))) not S145	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/03/27 11:16
S149	8	S135 and plasma with (excit \$7 or energy or produc\$4 or creat\$4) same (advantag\$4 or benefi\$7 or purpose or motivat\$4) and impedance same gas same (measur\$4 with (concentration or density or composition or consituen\$4 or type))	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/03/27 11:17

S150	2	S135 and easy with measur \$4 with plasma with gas	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/03/27 11:24
S151	1	S131 and plasma same (advantag\$4 or benefi\$7 or purpose or motivat\$4)	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/03/27 11:26
S152	1	("5103181").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/03/27 11:29
S153	1	S139 and plasma and impedance	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/03/27 11:32
S154	21	S123 and react\$4	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/03/27 11:36
S155	18	S123 and (reactive or reaction)	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/03/27 11:37
S156	18	S123 and (reactive or reaction) and impedance	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/03/27 11:39
S157	0	S135 and (reaction or reactive) with (gas or plasma) and impedance and electromagnetic circuit and (radio frequency or rf or microwave) and phase and time and (power with watt) and photoresist	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/03/27 11:44
S158	0	S135 and (reaction or reactive) with (gas or plasma) and impedance and electromagnetic circuit and (radio frequency or rf or microwave) and phase and time and (power with watt)	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/03/27 11:45
S159	330	S135 and (reaction or reactive) with (gas or plasma) and impedance and electromagnetic and (radio frequency or rf or microwave) and phase and time and (power with watt)	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/03/27 11:45
S160	48	S135 and (reaction or reactive) with (gas or plasma) and impedance and electromagnetic and (radio frequency or rf or microwave) and phase and time and (power with watt) and photoresist	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/03/27 11:45

S161	17	S135 and (reaction or reactive) with (gas or plasma) and impedance and electromagnetic and (radio frequency or rf or microwave) and phase and time and (power with watt) and photoresist with remov\$4	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/03/27 11:48
S162	0	S135 and (reaction or reactive) with (gas or plasma) and impedance and electromagnetic and (radio frequency or rf or microwave) and (phase and time) with impedance and (power with watt) and photoresist with remov\$4	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/03/27 11:49
S163	1	S135 and (reaction or reactive) with (gas or plasma) and impedance and energy and (radio frequency or rf or microwave) and (phase and time) with impedance and (power with watt) and photoresist with remov\$4	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/03/27 11:49
S164	1	("5103181").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/03/27 11:53
S165	0	S164 and (watt or photoresist)	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/03/27 11:53
S166	1	("20050186680").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/03/27 12:20
S167	1	S166 and convey\$4	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/03/27 12:20
S168	1	S152 and (advantag\$4 or benefi\$7 or purpose or motivat\$4)	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/03/27 12:28
S169	1	S166 and microwave plasma	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/03/27 12:33
S170	1	("3569777").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/03/27 12:34
S171	0	S170 and microwave	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/03/27 12:34

S172	1	("20040135590").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/03/27 12:34
S173	0	S172 and microwave	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/03/27 12:34
S174	9	S123 and microwave	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/03/27 12:35
S175	6	S123 and microwave with plasma	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/03/27 12:35
S176	6	S123 and microwave with plasma and impedance	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/03/27 12:37
S177	1	S170 and impedance with (phase and time)	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/03/27 12:37
S178	1	S170 and watt	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/03/27 12:39
S179	1	S170 and photoresist	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/03/27 12:41
S180	3	((("3569777") or ("5103181") or ("20040135590")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/03/27 12:42
S181	0	S180 and (micro wave or microwave)	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/03/27 12:42
S182	3	S123 and microwave with plasma same impedance	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/03/27 12:44
S183	2	S123 and microwave with (rf or radio frequency)	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/03/27 12:45
S184	2	S123 and microwave with (advantag\$4 or benefi\$7 or purpose or motivat\$4)	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/03/27 12:46
S185	1	S170 and plasma	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/03/27 12:47
S186	1	("5103181").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/19 18:27
S187	0	S186 and vaporiz\$5	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/19 18:32

S188	30	(US-20040135590-\$ or US-20020155615-\$ or US-20040118348-\$ or US-20040037746-\$ or US-20020038761-\$ or US-20030155238-\$ or US-20020118027-\$).did. or (US-5939886-\$ or US-4977094-\$ or US-5079507-\$ or US-6038914-\$ or US-6835552-\$ or US-4207137-\$ or US-4711767-\$ or US-6509542-\$ or US-6916658-\$ or US-6563076-\$ or US-5531097-\$ or US-3857284-\$ or US-6511851-\$ or US-5553495-\$ or US-5415784-\$ or US-6858433-\$ or US-5007983-\$ or US-5631418-\$ or US-5399977-\$ or US-6841389-\$ or US-6767747-\$ or US-5103181-\$ or US-6614238-\$).did.	US-PGPUB; USPAT	ADJ	ON	2008/08/19 18:32
S189	2	S188 and vaporiz\$5	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/19 18:33
S191	0	S186 and plasma	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/19 18:36
S192	1	("3569777").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/19 18:53
S193	42	("2330433" "3055262" "3230422" "3307060").PN. OR ("3569777").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/19 19:08
S194	33	S193 and impedance	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/19 19:09
S196	0	S193 and impedance and vaporiz\$5	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/19 19:09
S197	0	S192 and vaporiz\$5	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/19 19:09
S198	0	S193 and impedance near3 solid	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/19 19:13

S199	118	("1726721" "1877810" "2020847" "2099687" "2124029" "2169174" "2222450" "2297393" "2323675" "2386830" "2548598" "2736867" "2792548" "3136946" "3475316" "3498112" "3586971" "3612996" "3688188" "3720890" "3762221" "3816811" "3826978" "3826980" "3858446" "3883798" "3889182" "3897798" "3967500" "4097801" "4104585" "4124475" "4248085" "4254470" "4257275" "4266188" "4266425" "4285046" "4288741" "4301400" "4327323" "4340938" "4345204" "4370611" "4380924" "4387165" "4402230" "4417584" "4423623" "4429273" "4441362" "4458524" "4503383" "4543191" "4548506" "4555661" "4559493" "4580444" "4588970" "4596136" "4604904" "4651085" "4693319" "4708021" "4720677" "4760742") .PN. OR ("5103181") .URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/19 19:13
S200	0	S199 and impedance near3 solid	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/19 19:13
S201	41	S199 and impedance	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/19 19:13
S202	41	S201 not S194	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/19 19:13
S203	22	("4112744" "4266188" "4646070" "4862060" "4996490" "5014010" "5025222" "5033289" "5101163" "5103181" "5132903" "5272444" "5400651" "5503004" "5596150" "5675259" "5723979" "5898308" "5966017" "6144211" "6867603" "6927583") .PN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/19 19:14

S204	18	S203 and impedance	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/19 19:14
S205	1	("6927583").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/19 19:21
S206	1	(measur\$4 composition with impedance).ab.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/20 11:14
S207	6	(measur\$4 composition with impedance) not S206	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/20 11:15
S208	7	(measur\$4 solid with impedance) not S206	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/20 11:15
S209	28	(measur\$4 with solid with impedance) and plasma	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/20 11:17
S210	576	(impedance and plasma).ab.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/20 11:22
S211	4	(impedance and plasma and (solid or composition) and gas).ab. and vaporiz\$5	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/20 11:22
S212	1	("20050186680").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/20 13:40
S213	0	S212 and vaporiz\$%	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/20 13:40
S214	0	S212 and vaporiz\$5	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/20 13:40
S215	1	S212 and solid	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/20 13:42
S216	0	(vaporizing solid and inductance).ab.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/20 13:52
S217	0	(vaporizing adj2 solid and inductance).ab.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/20 13:52
S218	0	(vaporiz\$% adj2 solid and inductance).ab.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/20 13:52
S219	0	(vaporiz\$5 adj2 solid and inductance).ab.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/20 13:52
S220	0	(vaporiz\$5 adj2 solid and impedance).ab.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/20 13:53

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